

Title (en)  
METHODS AND SYSTEMS FOR SELECTION OF OBJECTS

Title (de)  
VERFAHREN UND SYSTEME ZUR AUSWAHL VON OBJEKTEN

Title (fr)  
PROCÉDÉS ET SYSTÈMES DE SÉLECTION D'OBJETS

Publication  
**EP 4252103 A4 20240417 (EN)**

Application  
**EP 21905408 A 20211116**

Priority  
• US 202017127022 A 20201218  
• CN 2021131024 W 20211116

Abstract (en)  
[origin: US2022198756A1] Methods and systems for selecting an object or location in an extended reality (XR) environment or physical environment are described. A first origin, including a first position and a first direction, and a second origin, including a second position and a second direction, are obtained by at least one sensor. An intersection of a first ray, casted from the first origin, and a second ray, casted from the second origin, is determined. A selected object or selected location is identified, based on the determined intersection. An identification of the selected object or the selected location is outputted.

IPC 8 full level  
**G06F 3/01** (2006.01); **G02B 27/01** (2006.01); **G06F 3/0346** (2013.01)

CPC (source: EP US)  
**G06F 3/011** (2013.01 - EP); **G06F 3/012** (2013.01 - EP); **G06F 3/013** (2013.01 - EP); **G06F 3/0346** (2013.01 - EP); **G06F 3/04842** (2013.01 - US); **G06F 17/16** (2013.01 - US); **G06T 15/06** (2013.01 - US); **G06T 19/006** (2013.01 - US); **G02B 27/0093** (2013.01 - EP)

Citation (search report)  
• [X] US 2019235641 A1 20190801 - GOLDBERG STEVEN [US], et al  
• [A] WO 2016014875 A2 20160128 - MICROSOFT TECHNOLOGY LICENSING LLC [US]  
• See also references of WO 2022127479A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 11475642 B2 20221018**; **US 2022198756 A1 20220623**; CN 116648683 A 20230825; EP 4252103 A1 20231004; EP 4252103 A4 20240417; JP 2024500740 A 20240110; US 11688148 B2 20230627; US 2023013860 A1 20230119; WO 2022127479 A1 20220623

DOCDB simple family (application)  
**US 202017127022 A 20201218**; CN 2021131024 W 20211116; CN 202180085825 A 20211116; EP 21905408 A 20211116; JP 2023536829 A 20211116; US 202217940435 A 20220908